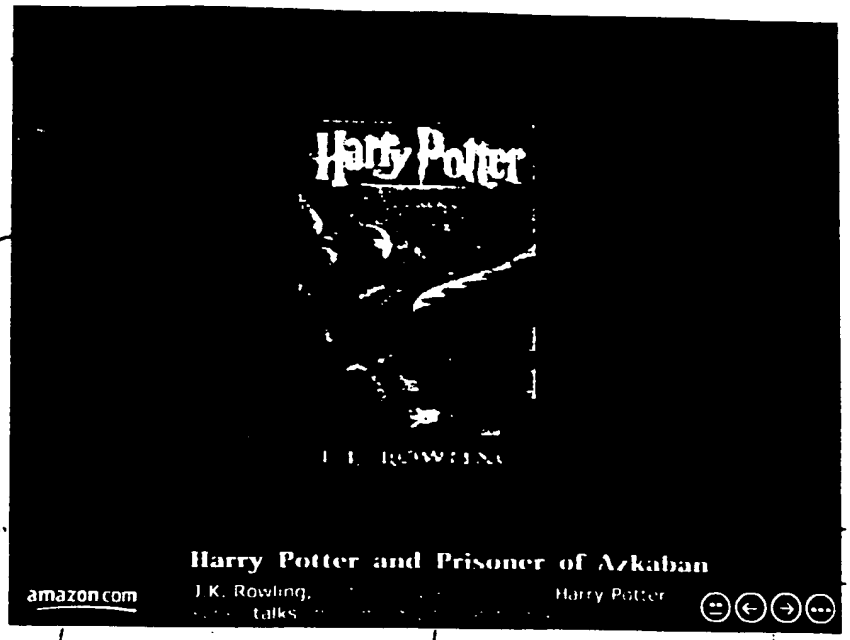


10

12

14

20

16

18

BEST AVAILABLE COPY

Fig. 1

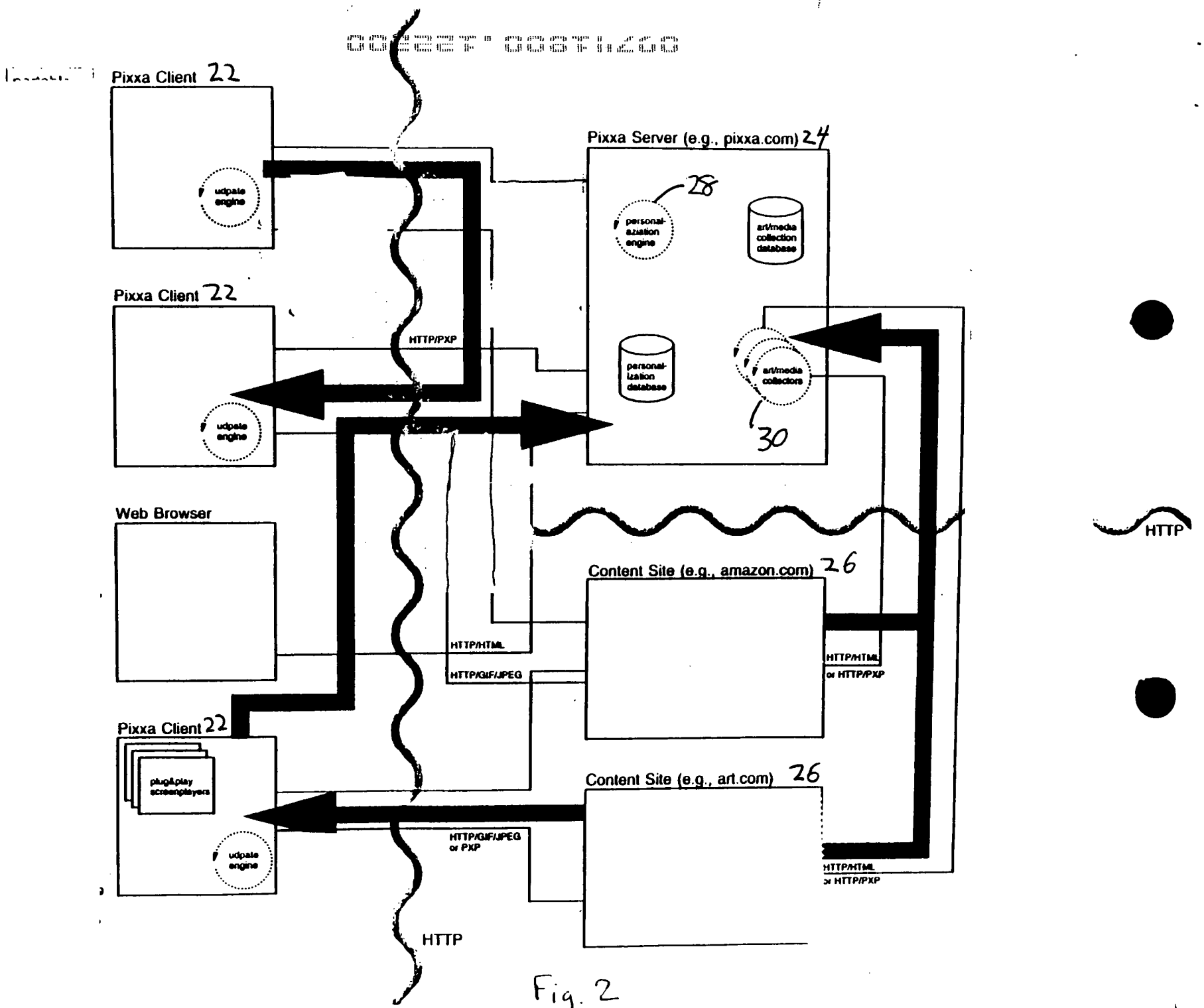

Pixxa Client 22
udpate engine
Pixxa Client 22
udpate engine
Pixxa Client 22
plug&play screenplayers
udpate engine
Web Browser
Pixxa Server (e.g., pixxa.com) 24
28
personal-azation engine
art/media collection database
personal-lization database
art/media collections
30
HTTP/PXP
HTTP/HTML
HTTP/GIF/JPEG
Content Site (e.g., amazon.com) 26
HTTP/HTML or HTTP/PXP
Content Site (e.g., art.com) 26
HTTP/GIF/JPEG or PXP
HTTP/HTML or HTTP/PXP
HTTP
HTTP

Fig. 2

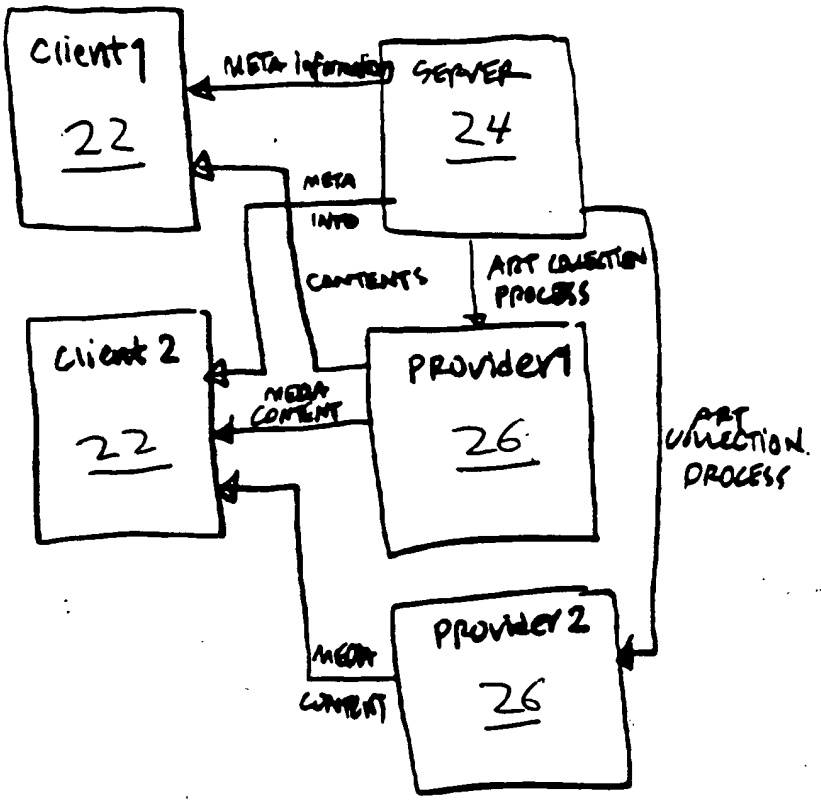

Client1
22
META Information
SERVER
24
META
INTO
CONTENTS
ART COLLECTION PROCESS
Client 2
22
MEDIA CONTENT
PROVIDER1
26
ART COLLECTION PROCESS
PROVIDER 2
26
MEDIA CONTENT

Fig. 3A

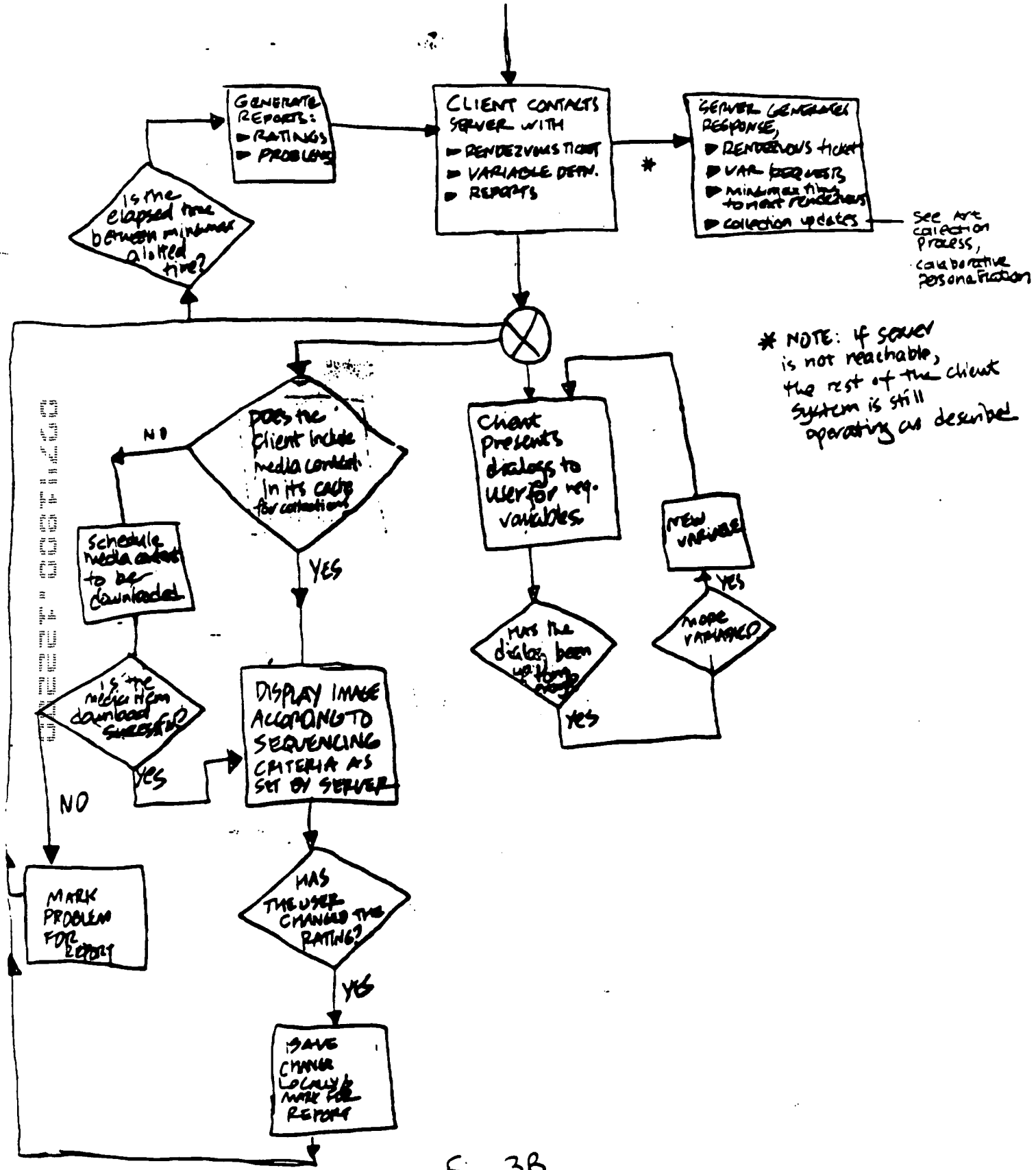

GENERATE REPORTS:
RATINGS
PROBLEMS
CLIENT CONTACTS SERVER WITH
RENDEZVOUS TICKET
VARIABLE DEFN.
REPORTS
SERVER GENERATES RESPONSE,
RENDEZVOUS ticket
VAR. REQUESTS
MINIMUM time to next rendezvous
COLLECTION updates
See Art collection process, collaborative personalization
* NOTE: If server is not reachable, the rest of the client system is still operating as described
Is the elapsed time between minimum allowed time?
NO
YES
DOES the client include media content in its cache for collection?
Schedule media content to be downloaded
Is the media item download successful?
NO
YES
MARK PROBLEM FOR REPORT
DISPLAY IMAGE ACCORDING TO SEQUENCING CRITERIA AS SET BY SERVER
HAS THE USER CHANGED THE RATING?
YES
SAVE CHANGE LOCALLY & MARK FOR REPORT
Client presents dialogs to user for req. variables
Has the dialog been updated enough?
YES
NEW VARIABLE
More variables?
YES

Fig. 3B

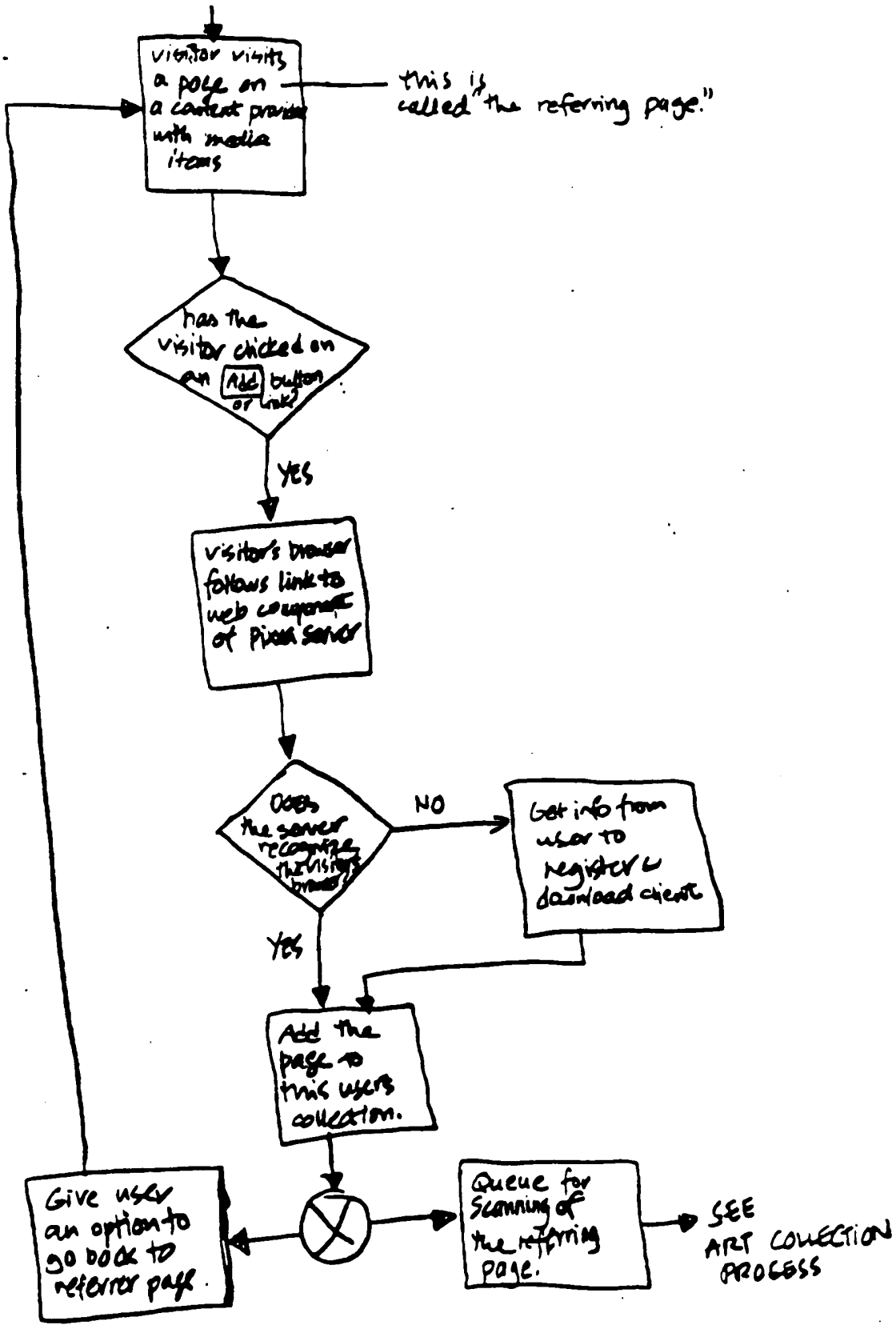

visitor visits a page on a content provider with media items
this is called "the referring page."
has the visitor clicked on an Add button or link?
yes
visitor's browser follows link to web component of Pixel Server
does the server recognize the visitor's browser?
NO
Get info from user to register & download client
yes
Add the page to this user's collection.
Give user an option to go back to referrer page.
Queue for scanning of the referring page.
SEE ART COLLECTION PROCESS

Fig. 3C

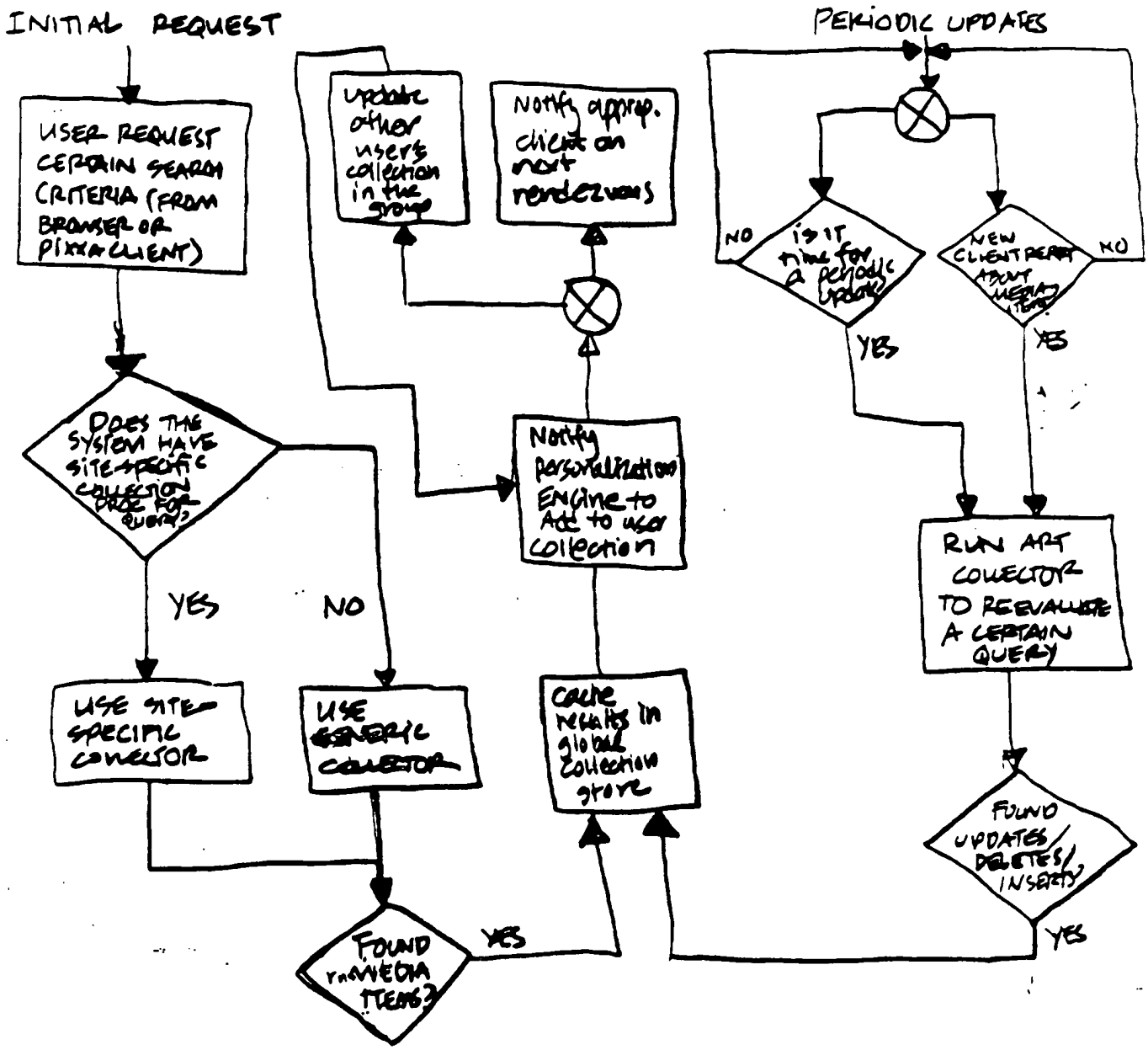

INITIAL REQUEST
USER REQUEST CERTAIN SEARCH CRITERIA (FROM BROWSER OR PIXA CLIENT)
DOES THE SYSTEM HAVE SITE-SPECIFIC COLLECTION BASE FOR QUERY?
YES
NO
USE SITE-SPECIFIC COLLECTOR
USE GENERIC COLLECTOR
FOUND RELEVANT ITEMS?
YES
Update other users collection in the group
Notify approp. client on next rendezvous
Notify personalization ENGINE to Add to user collection
Cache results in global collection store
PERIODIC UPDATES
NO
IS IT TIME FOR A PERIODIC UPDATE?
YES
NEW CLIENT REQUEST ABOUT MEDIA ITEMS?
NO
YES
RUN ART COLLECTOR TO REEVALUATE A CERTAIN QUERY
FOUND UPDATES/DELETES/INSERTS?
YES

Fig. 3D

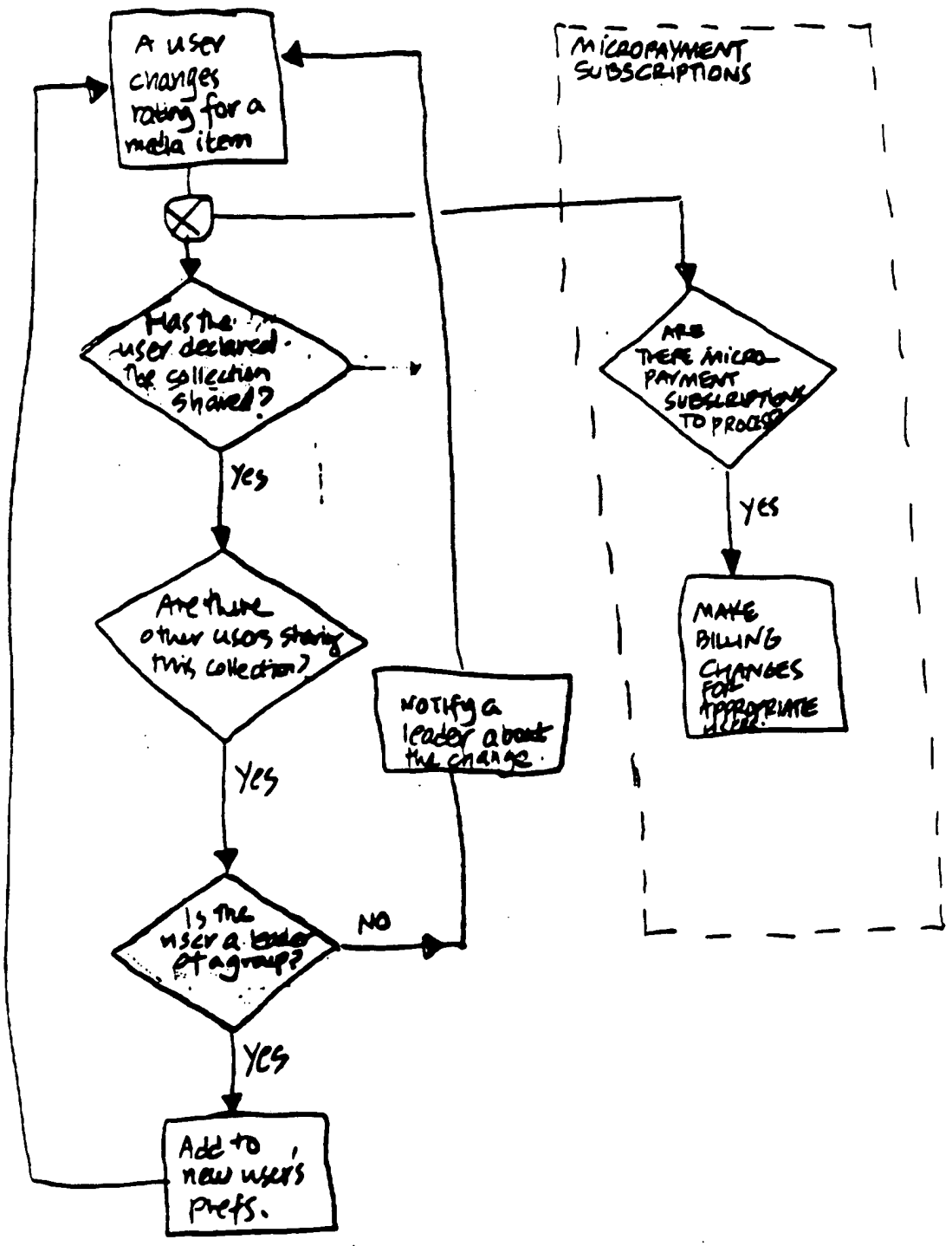

A user changes rating for a media item
MICROPAYMENT SUBSCRIPTIONS
Has the user declared the collection shared?
ARE THERE MICRO-PAYMENT SUBSCRIPTIONS TO PROCESS?
Yes
yes
Are there other users sharing this collection?
MAKE BILLING CHANGES FOR APPROPRIATE USERS
NOTify a leader about the change
Yes
Is the user a leader of a group?
NO
Yes
Add to new user's prefs.

Fig. 3E

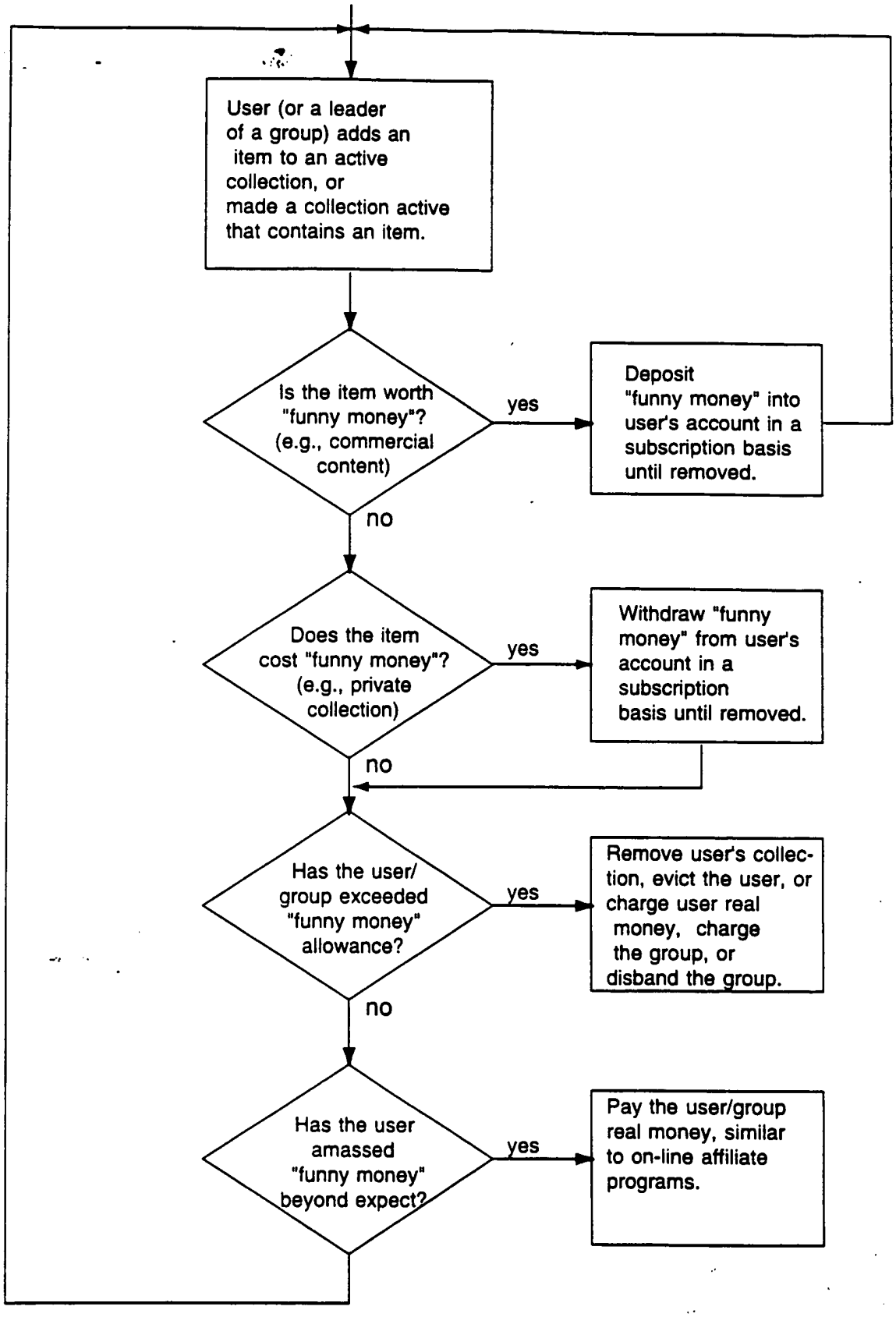
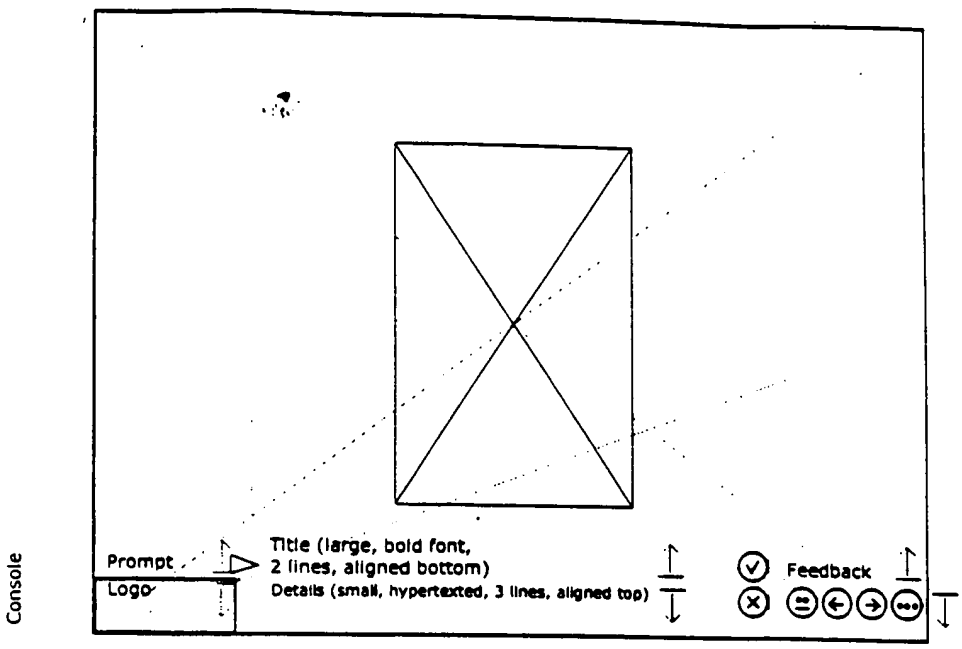

User (or a leader of a group) adds an item to an active collection, or made a collection active that contains an item.
Is the item worth "funny money"? (e.g., commercial content)
yes
Deposit "funny money" into user's account in a subscription basis until removed.
no
Does the item cost "funny money"? (e.g., private collection)
yes
Withdraw "funny money" from user's account in a subscription basis until removed.
no
Has the user/ group exceeded "funny money" allowance?
yes
Remove user's collection, evict the user, or charge user real money, charge the group, or disband the group.
no
Has the user amassed "funny money" beyond expect?
yes
Pay the user/group real money, similar to on-line affiliate programs.

Fig. 3F


Console
Prompt
Logo
Title (large, bold font,
2 lines, aligned bottom)
Details (small, hypertexted, 3 lines, aligned top)
Feedback

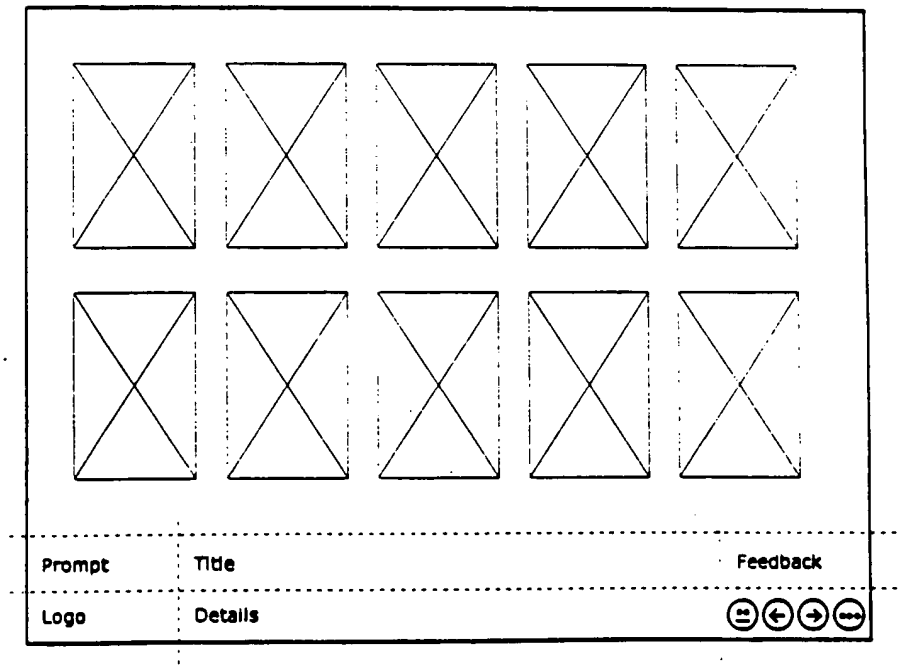

Prompt
Title
Feedback
Logo
Details

Fig. 4

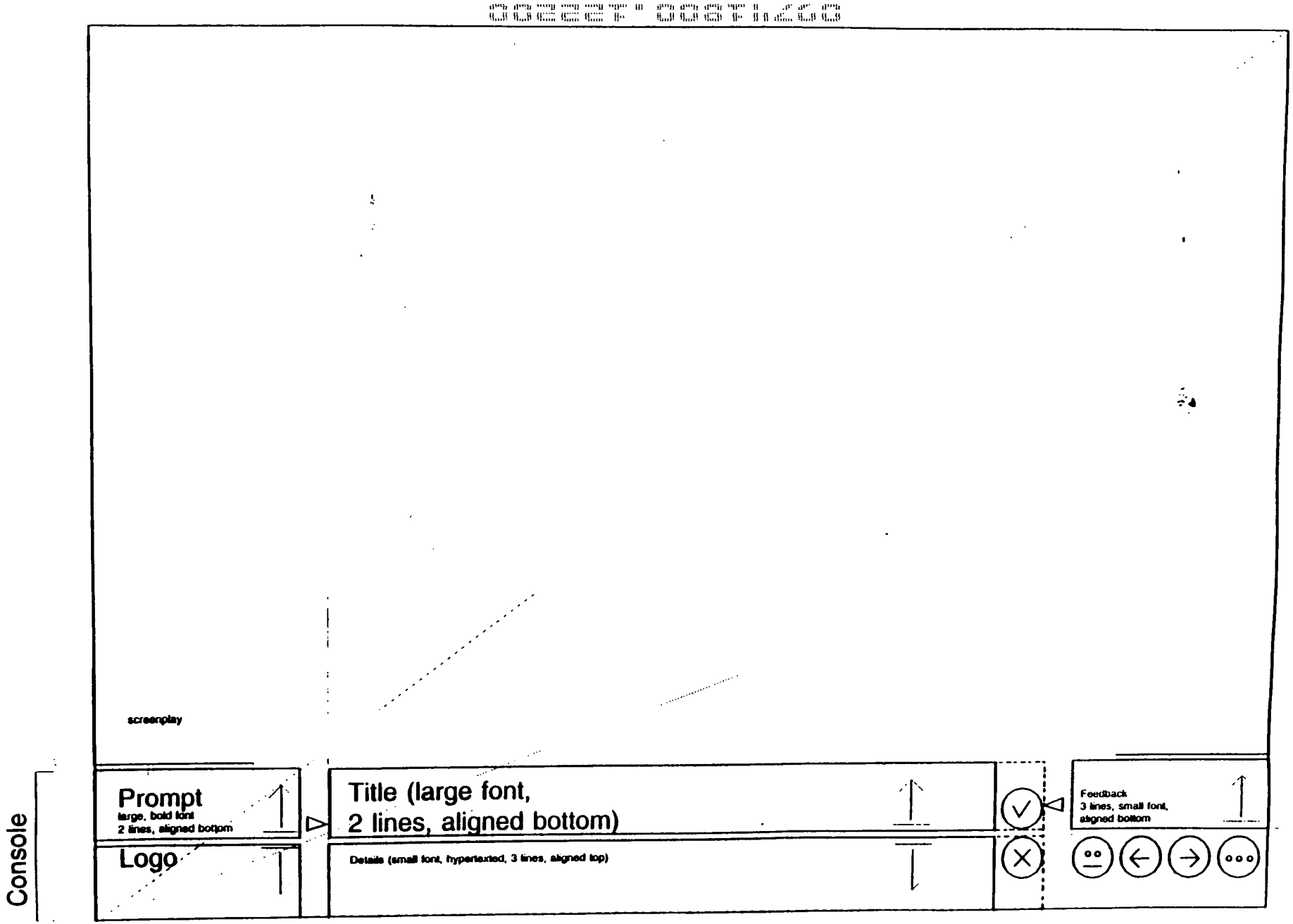

screenplay
Console
Prompt
large, bold font
2 lines, aligned bottom
Logo
Title (large font,
2 lines, aligned bottom)
Details (small font, hypertexted, 3 lines, aligned top)
Feedback
3 lines, small font,
aligned bottom

Fig. 5

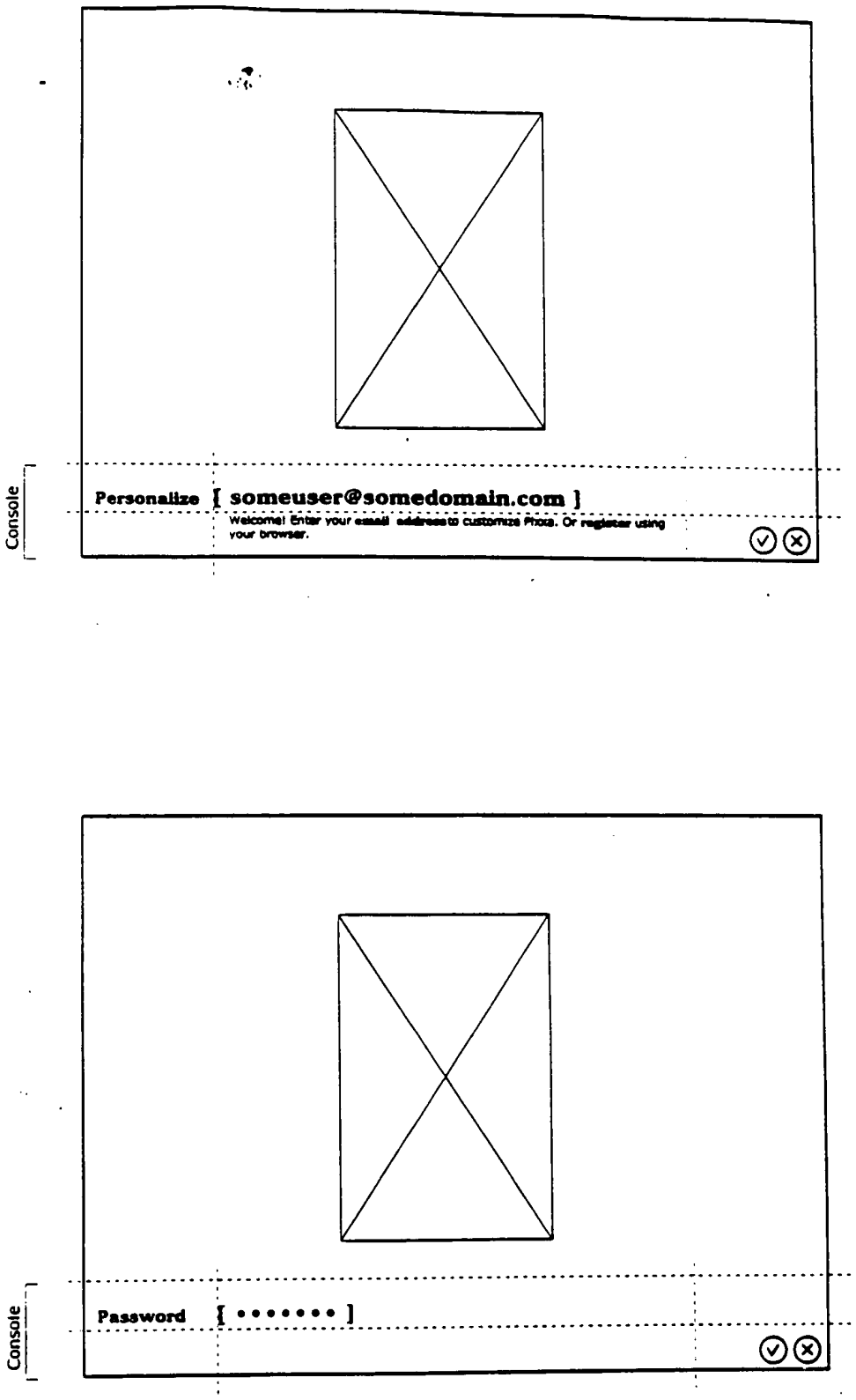

Console
Personalize [someuser@somedomain.com]
Welcome! Enter your email address to customize Prizo. Or register using your browser.
Console
Password [•••••••]

Fig. 5A

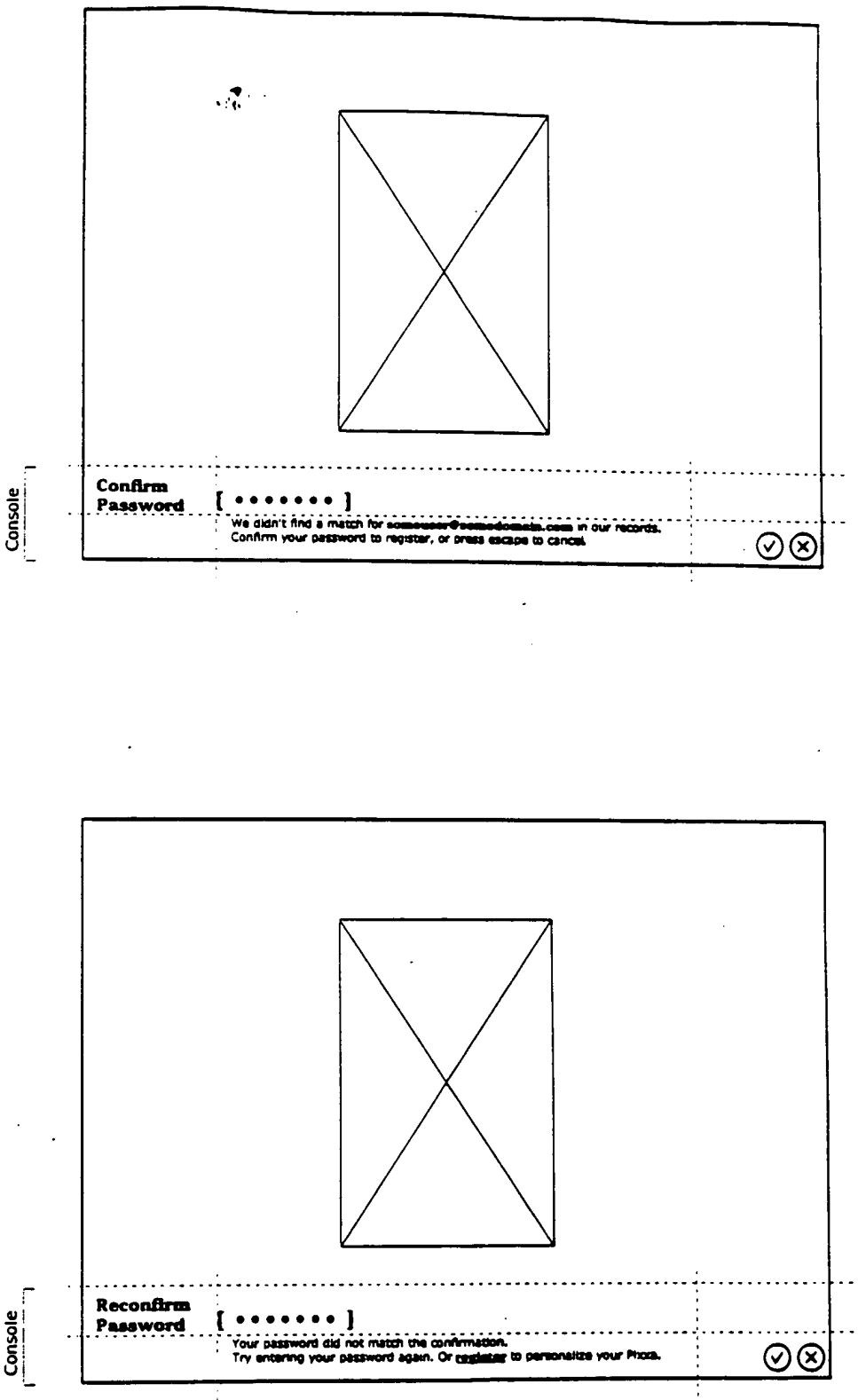

Console
Confirm Password
[•••••••]
We didn't find a match for someuser@somedomain.com in our records.
Confirm your password to register, or press escape to cancel.
Console
Reconfirm Password
[•••••••]
Your password did not match the confirmation.
Try entering your password again. Or register to personalize your Pnoza.

Fig 6B

Controls: one or more controls may be visible or highlighted at any point of time.

Initial state: when no pictures are visible or if the user is responding to a dialog box only the Pixxa button is displayed.

Picture state: when pictures are present, display Feeling, Prev, Next, and Pixxa buttons.

Hover: when the mouse goes within the LikeIt button, a "tool tip" is displayed above it.

Hover: when the mouse goes within the Prev button, a "tool tip" is displayed above it.

Hover: when the mouse goes within the Next button, a "tool tip" is displayed above it.

Hover: when the mouse goes within the Pixxa button, a "tool tip" is displayed above it.

Mousedown on LikeIt icon in neutral will take it into "like" mode.

Mouseup marks this picture as "like it". Since the mouse is still within the button, the "tool tip" is displayed.

Mousedown marks the picture as "don't like it" in hilite mode. The button bitmap is inverted.

Mouseup marks the picture as "don't like it". Since the mouse is still within the button, the "tool tip is displayed".

Sideline: like/dislike transitions. Not all the transitions are shown above.

Prev/next buttons highlight during mouseDowns. The sequence of clicks shown here brings you to the same place no matter where you start from. even if the pictures are randomized.

More info: clicking on pixxa icon starts your browser with a page on Pixxa server related to this picture.

More info:pixxa will start the browser.

Hovering on the previous icon displays the "tool tip"

Mousedown on Prev button takes you to the previous slide (which is not in the dislike list)

MouseStillDown on Prev button continues to take you to previous slides (which is not in the dislike list)

Control/command key combination with Next and Prev keys shows both the "like" pictures and the "dislike" pictures.

Mousedown moves you to the next frame.

MouseStillDown on Prev button continues to take you to previous slides (which is not in the dislike list)

Control/command key combination with Next shows all pictures in this collection regardless of like/dislike.

Fig. 7

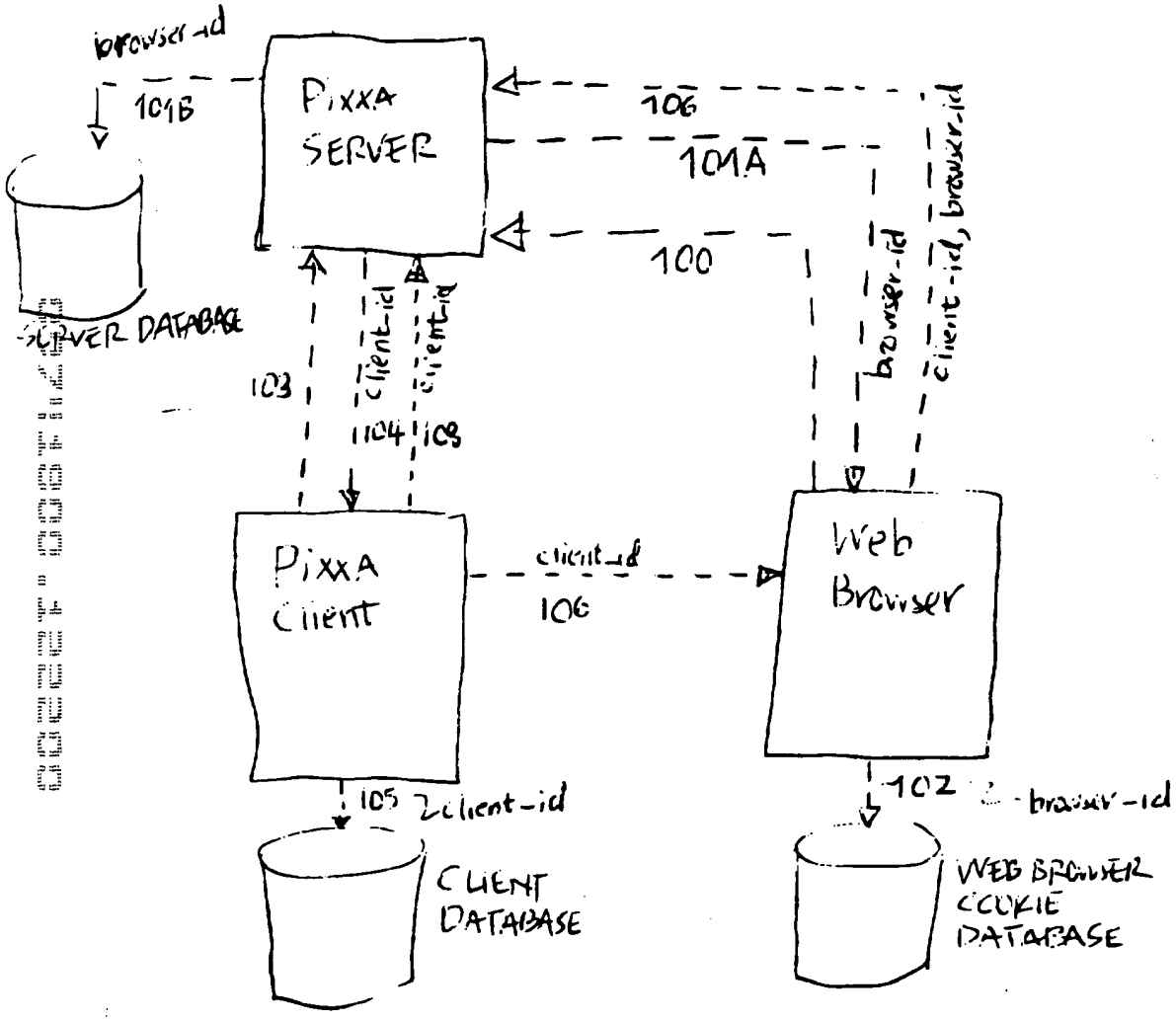

browser-id
101B
PIXXA SERVER
106
101A
100
SERVER DATABASE
client-id, browser-id
browser-id
client-id
client-id
103
104
108
PIXXA Client
client-id
106
Web Browser
105
client-id
102
browser-id
CLIENT DATABASE
WEB BROWSER COOKIE DATABASE
USERS COMPUTER

Fig. 8